

## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE		FIELD OFFICE		DATE	
<b>PRACTICE: 645 Wildlife Upland Habitat</b>			NOTES:		
<b>RESOURCE: SOIL</b>			<b>Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.</b>		
<b>RESOURCE CONCERN: EROSION</b>					
<b>RESOURCE INDICATORS</b>			<b>PHYSICAL EFFECTS</b>		
SHEET AND RILL			Slight to significant decrease because of establishment or management of permanent cover or reduced tillage, or both.		
WIND			Slight to significant decrease because of establishment or management of permanent cover or reduced tillage, or both.		
EPHEMERAL GULLY			Negligible to significant decrease because of establishment or management of permanent cover or reduced tillage, or both		
CLASSIC GULLY			Negligible to significant decrease because of establishment or management of permanent cover and other supporting practices depending on proximity to gully.		
STREAMBANK			Negligible to significant decrease because of establishment or management of permanent cover and other supporting practices.		
IRRIGATION INDUCED			Slight to significant decrease a because of management permanent cover.		
SOIL MASS MOVEMENT			Negligible to slight decrease a because of management permanent cover.		
ROADBANK/CONSTRUCTION			Negligible to slight decrease a because of management permanent cover.		
OTHER					
<b>RESOURCE CONCERN: SOIL CONDITION</b>					
SOIL TILTH			Moderate to significant decrease because of increased long term permanent vegetative cover and reduced tillage.		
SOIL COMPACTION			Moderate to significant decrease because of long term permanent vegetative cover and reduced tillage		
SOIL CONTAMINATION					
• SALTS			Negligible.		
• ORGANICS			Negligible.		
• FERTILIZERS			Negligible.		
• PESTICIDES			Negligible.		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			Negligible.		
• OFFSITE			Negligible.		
DEPOSITION/SAFETY					
• ONSITE			Negligible.		
• OFFSITE			Negligible.		
OTHER					

<b>RESOURCE: WATER</b>	
<b>RESOURCE CONCERN: WATER QUANTITY</b>	
SEEPS	Negligible to slight increases or decreases because vegetation establishment on seep area may reduce seep. Watershed wide vegetation will increase infiltration and may increase seeps.
RUNOFF/FLOODING	Slight to moderate decrease because increased vegetation will reduce runoff and degree of flooding.
EXCESS SUBSURFACE WATER	Negligible to slight increase or decrease because increased permanent vegetation will remove some soil moisture or watershed wide vegetation will increase infiltration.
INADEQUATE OUTLETS	Not applicable.
WATER MGT. IRRIGATION	
• SURFACE	Not applicable.
• SPRINKLER	Not applicable.
WATER MGT. NON-IRRIGATED	Negligible to significant decrease because land that has soil moisture excess or deficiency can be converted to wildlife habitat more efficient use of most of the regime.
RESTRICTED FLOW CAPACITY (H2O convey.)	
• ONSITE	Slight to significant decrease because improve permanent cover will reduce erosion.
• OFFSITE	Slight to moderate decrease because improve permanent cover will reduce erosion and sediment.
RESTRICTED STORAGE	Slight to moderate decrease because improve permanent cover will reduce erosion and sediment
OTHER	

<b>RESOURCE: WATER</b>	
<b>RESOURCE CONCERN: WATER QUALITY</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
GROUNDWATER CONTAMINANTS	
• PESTICIDES	Negligible to moderate decrease because habitat reduces need to use chemicals and increase vegetation will uptake pesticides.
• NUTRIENTS AND ORGANICS	Negligible to moderate decrease because of nutrient uptake by plants and depending on degree of permanent vegetation.
• SALINITY	Negligible to slight decrease because of plant uptake depending on degree of permanent vegetation.
• HEAVY METALS	Negligible to slight decrease because of plant uptake depending on degree of permanent vegetation.
• PATHOGENS	Negligible to slight decrease because of plant uptake depending on degree of permanent vegetation.
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	Negligible to significant decrease because of permanent habitat reduces need to use chemicals and increase vegetation will reduce runoff and transport of pesticides.
• NUTRIENTS AND ORGANICS	Moderate to significant decrease because increased vegetation will reduce runoff and transport of nutrients and organic.
• SUSPENDED SEDIMENTS	Moderate to significant decrease because increased vegetation will reduce runoff and transport of sediment.
• LOW DISSOLVED OXYGEN	Moderate to significant increase because vegetation reduces runoff of sediment and organic and increases stream bank vegetation.

RESOURCE: <b>WATER</b>	
RESOURCE CONCERN: <b>WATER QUALITY</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
SURFACE WATER CONTAMINANTS	
• SALINITY	Moderate to significant decrease because permanent will decrease runoff and transport of salts.
• HEAVY METALS	Slight to moderate decrease because permanent vegetation will decrease runoff and transport of heavy metals.
• WATER TEMPERATURE	Significant decreases when used to establish riparian vegetation.
• PATHOGENS	Slight decrease because vegetation will decrease runoff and transport of pathogens.
AQUATIC HABITAT SUITABILITY	Negligible to significant decrease because downstream decrease of sediment, organic and agricultural chemicals and increased low flow.
OTHER	
RESOURCE: <b>AIR</b>	
RESOURCE CONCERN: <b>AIR QUALITY</b>	
AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	Slight decrease because of improved vegetative cover and depending on degree of permanent vegetation.
• OFFSITE SAFETY	Slight decrease because of improved vegetative cover and depending on degree of permanent vegetation.
• ONSITE STRUCT. PROBLEMS	Slight decrease because of improved vegetative cover and depending on degree of permanent vegetation.
• OFFSITE STRUCT. PROBLEMS	Not applicable.
• ONSITE HEALTH	Slight decrease because of improved vegetative cover and depending on degree of permanent vegetation.
• OFFSITE HEALTH	Slight decrease because of improved vegetative cover and depending on degree of permanent vegetation.
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	Slight decrease because of improved vegetative cover and depending on degree of permanent vegetation.
AIRBORNE CHEMICAL DRIFT	Slight decrease because of reduced applications as result of change in land use.
AIRBORNE ODORS	Negligible to significant decreases depending on change in land use.
FUNGI, MOLDS, AND POLLEN	Slight increase because greater variety of plants.
OTHER	
RESOURCE CONCERN: <b>AIR CONDITION</b>	
AIR TEMPERATURE	Slight to moderate decrease because of increased vegetative cover and increase transpiration.
AIR MOVEMENT (windbreak effect)	Slight to moderate significant decrease because of increased vegetative cover and disrupted surface wind patterns.
HUMIDITY	Slight to moderate increase because increase vegetative cover and increase transpiration.
OTHER	

RESOURCE: <b>PLANT</b>	
RESOURCE CONCERN: <b>SUITABILITY</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
SITE ADAPTATION	Moderate to significant decrease because of establishment of adapted vegetation.
PLANT USE	Negligible to significant decrease because of establishment of suitable vegetation.
OTHER	
RESOURCE CONCERN: <b>CONDITION</b>	
PRODUCTIVITY	Negligible to significant decrease because of establishment of adapted vegetation and improved management.
HEALTH, VIGOR, SURVIVAL	Negligible to significant decrease because of establishment of adapted vegetation and improved management
OTHER	
RESOURCE CONCERN: <b>MANAGEMENT</b>	
ESTAB., GROWTH, HARVEST	Negligible to significant decrease because of establishment of adapted vegetation and improved management
NUTRIENT MANAGEMENT	Moderate to significant decrease because of addition of plat nutrients to manage species of concern.
PESTS	Moderate to significant decrease because adapted vegetation will result in less pests and active management will control pest.
THREAT/ENDANGERED PLANTS	Moderate to significant decrease because of improved habitat for target threat/endangered species.
OTHER	
RESOURCE: <b>ANIMAL</b>	
RESOURCE CONCERN: <b>HABITAT</b>	
FOOD	Significant decrease because of establishment of adapted species.
COVER/SHELTER	Significant decrease because of establishment of adapted species.
WATER (QUANTITY & QUALITY)	Negligible to slight decrease because of improved permanent vegetative cover and increased infiltration and interflow.
OTHER	
RESOURCE CONCERN: <b>MANAGEMENT</b>	
POPULATION BALANCE	Slight to significant decrease because of habitat improvement.
THREAT/ENDANGERED ANIMALS	Moderate to significant decrease because of improved habitat for a target threat/endangered species.
HEALTH	Moderate to significant decrease because of improved habitat and associated animal health.
OTHER	

RESOURCE: <b>HUMAN</b>	
RESOURCE CONCERNS: <b>ECONOMIC CONSIDERATIONS</b>	
PLAN / COST EFFECTIVENESS	N/A
CLIENT FINANCIAL CONDITION	N/A
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	N/A
AVAILABLE EQUIPMENT	N/A
RESOURCE: <b>HUMAN</b>	
RESOURCE CONCERN: <b>SOCIAL CONSIDERATIONS</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
PUBLIC HEALTH AND SAFETY	N/A
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: <b>CULTURAL CONSIDERATIONS</b>	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	